

WHAT IS CLAIMED IS:

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1. A power tool comprising:
a motor serving as a drive source;
a speed reduction mechanism portion for transmitting a
rotational power of said motor;
a striking mechanism portion for converting the
rotational power of said speed reduction mechanism portion
into a striking force;
an end tool for outputting the striking force and a
rotational force through said striking mechanism portion; and
an impact damping mechanism for damping an impact in a
direction of rotation of said speed reduction mechanism
portion.
2. A power tool according to claim 1, wherein said
impact damping mechanism includes a projection, formed on a
fixed gear of said speed reduction mechanism portion, and an
impact damping member provided between said projection and a
fixed gear support jig mounted in a housing.
3. A power tool according to claim 1, wherein said
impact damping mechanism includes a projection, formed on a
fixed gear support jig, and an impact damping member provided
between said projection and a housing.
4. A power tool according to claim 2, wherein said
projection on said fixed gear and said fixed gear support jig
is formed on a side surface or an outer surface of said fixed

gear or \ said fixed gear support jig.

5. A power tool according to claim 2, wherein said impact damping member between said fixed gear and said fixed gear support jig or said impact damping member between said fixed gear support jig and said housing is provided between a bearing of said striking mechanism portion or a bearing of said speed reduction mechanism portion and said housing.

6. A power tool according to claim 3, wherein said projection on said fixed gear and said fixed gear support jig is formed on a side surface or an outer surface of said fixed gear or said fixed gear support jig.

7. A power tool according to claim 3, wherein said impact damping member between said fixed gear and said fixed gear support jig or said impact damping member between said fixed gear support jig and said housing is provided between a bearing of said striking mechanism portion or a bearing of said speed reduction mechanism portion and said housing.